



## Instructions for Installation and use of Tallon Lowrance Elite Socket

### Need Help?

- Read your Instructions for Installation and Use of Tallon Lowrance Elite Socket products first
- If you have read your instructions and still need assistance contact your Tallon Dealer
- If you Tallon Dealer is unable to assist you, go to [www.tallonsystems.com](http://www.tallonsystems.com) and click on the 'support' tab

Thank you for purchasing Tallon Socket products.

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To successfully install the Tallon™ Elite Socket system into your boat you will require.

- A Tallon™ Lowrance Elite Socket Pack that comprises:
  - Tallon™ Elite Socket
  - Lowrance small transducer extension lead
- 50 mm or 2" hole cutter bit & 30 mm or 1 3/16" hole cutter bit
- 3.5 mm or .14" drill bit
- Electric drill
- Silicon marine sealant, or similar product (optional)<sup>1</sup>

<sup>1</sup>Sealant is not generally required in installing the Tallon™ Socket but in certain circumstances it may be desirable to use an appropriate marine sealant

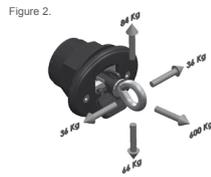
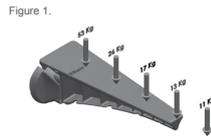
### Step 1: Decide where to put the Tallon™ Socket

- 1.1. Deciding on the locations for your Tallon™ Sockets is the first and most important step in installing the Tallon™ Socket.

Tallon™ Socket recommends that Sockets are installed 300 mm (11.81") apart at their centres to accommodate the full range of Tallon™ accessories.

**OVERLOADING can cause serious injury or equipment damage.**

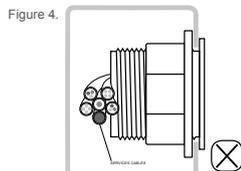
- 1. DO NOT overload the Tallon™ Socket.**
- 2. The Tallon™ Socket is designed to bear the maximum loads shown in figures 1 and 2, subject to the Tallon™ Socket being mounted onto a suitable surface in accordance with our instructions.**



### Step 2: Checking For Services

- 2.1. Check that no services (power cables, fluid lines, steering cables etc.) are behind or will be affected at the hole's drill point.
- 2.2. If you do find services at the hole's drill point, you should either decide on an alternative drill point or re-position the services whilst you drill and install the Tallon™ Socket.
- 2.3. After installation, the services can be repositioned as the correctly installed Tallon™ Socket should not interfere with their functioning.

**Always consult your boat dealer if you are unsure as to the location of your boat's services or are unsure whether the location you have chosen for your Tallon™ Socket is appropriate. Services should not be allowed to be strained over or abrade against installed Tallon™ Sockets!**



### Step 3: Drill the Tallon™ Socket Holes

- 3.1. Once you have decided where to locate your Tallon™ Sockets, the next stage is to drill the holes in the boat lining.

**This is an important step and you need to ensure you are certain about the location!**

- 3.2. Once you are satisfied with the location you have chosen for your Tallon™ Socket, drill the hole using the template on the backside of these instructions.

**Remember: measure twice drill once...**

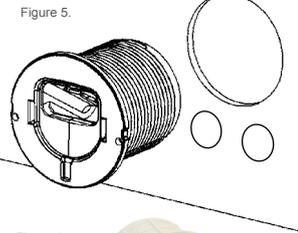
### Step 4: Install the Tallon™ Socket

- 4.1. Once the hole has been drilled, remove any alloy or fibreglass shavings or burrs.
- 4.2. Place the Tallon™ Socket into the 50 mm hole. Reach behind the hole and carefully screw the locking nut on to the Socket. The vertical slot is to the bottom and the screw holes are level.

**Be careful not to over-tighten the Tallon™ Socket to the locking nut - installation of the screws in Step 5 will be sufficient to prevent rotation of the unit. Over-tightening of the unit may cause it to malfunction.**

- 4.3. Through the 2 screw holes located on the outside of the Tallon™ Socket, drill a pilot hole with the 3.5 mm or .14" drill bit through boat lining and the Tallon™ Socket into the Locking Nut.

**The depth of the pilot hole should be sufficient to pass through the boat lining and the Locking Nut only.**



### Step 5: Attach the Lowrance Transducer Uniplug to the Tallon Elite Faceplate

- 5.1. Pull the Lowrance Transducer Cable through the left lower drilled hole.
- 5.2. The Transducer uniplug can be attached to the back of the Tallon Elite Faceplate using a push and turn movement to lock in place onto the rear of the faceplate.

**Note, if your transducer cable uniplug has a locking nut collar on the connector, this will need to be retracted back down the cable or removed as it is not required to attach to the Tallon Elite Faceplate.**

- 5.3. Once the Transducer cable is attached to the faceplate, apply heat to the shrink sleeve on the back of the faceplate to secure the cable and provide a waterproof seal.



### Step 6: Attaching Elite Socket Faceplate

- 6.1. Ensure 3 grommets are inserted into the appropriate apertures on the faceplate, and place the faceplate against the Tallon Socket and mounting surface. You may be required to stretch the round grommets to ensure they fit securely in place.
- 6.2. The Lowrance Transducer uniplug and 12V socket should insert cleanly into the two drilled holes underneath the Tallon Socket. Secure faceplate using the three screws provided.

**1. Be careful not to over-tighten the screws as the locking nut installed in Step 4 will secure the Tallon™ Socket unit against the boat lining. Over-tightening of the screws may cause the product to malfunction or break!**

**2. Do not clean the faceplate with any solvent or chemical cleaner as this may damage the faceplate.**

### How to use Tallon™ RAM 1" Ball Connection



Once connector is fully inserted into the Tallon Socket, ensure the wide tab of the locking cam is on the left and the word 'Top' is visible on the top of the cam.



With thumb and forefinger, twist the cam clockwise, so the tabs are vertical.



Your locking cam is now locked. Attach your RAM accessories.

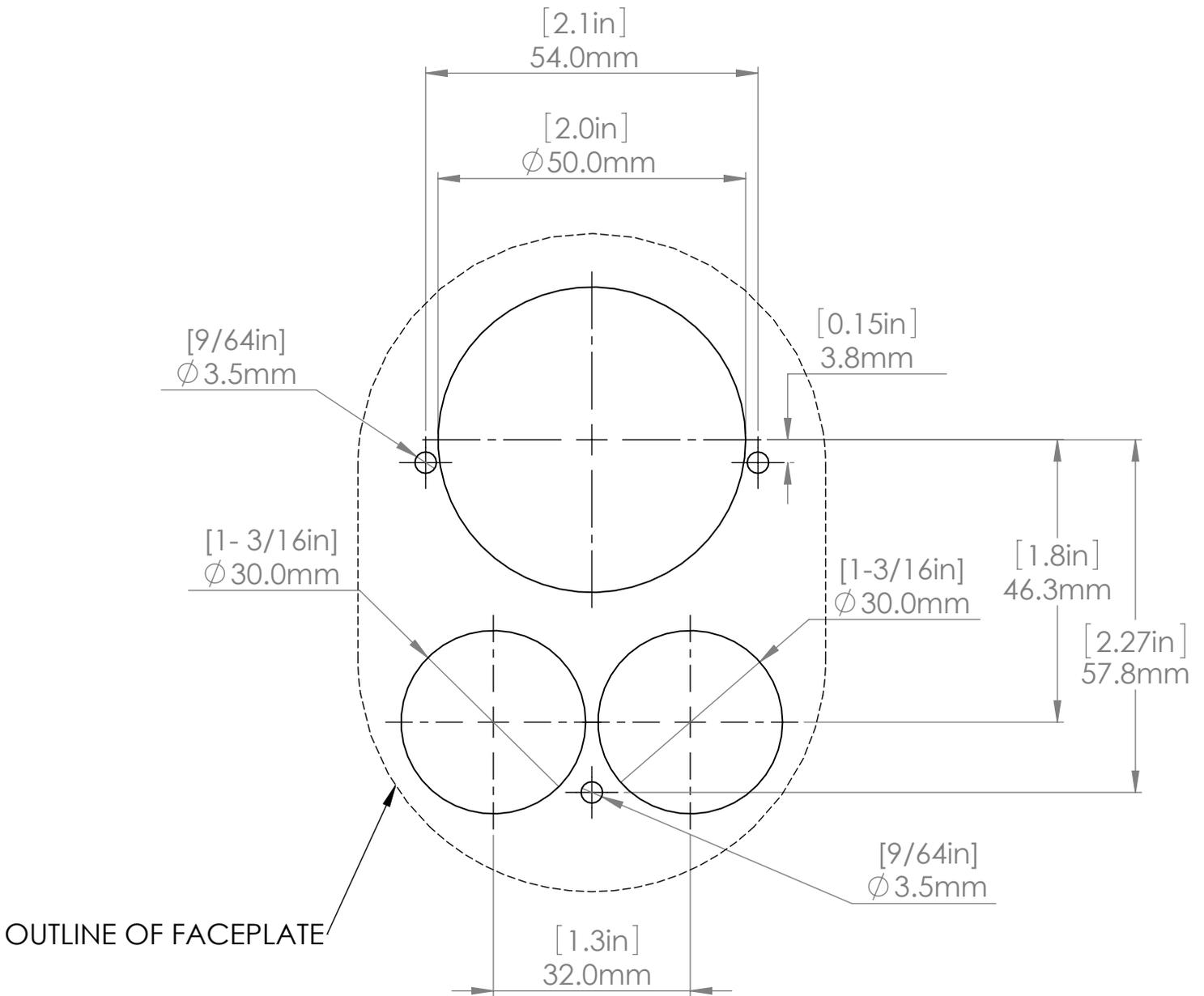


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Patents Pending \*see [www.tallonsystems.com](http://www.tallonsystems.com) for details



# TALLON ELITE SOCKET HOLE TEMPLATE



NB: Ensure document is printed to scale, otherwise measurements may not be accurate.